

**PENGARUH SUBSTITUSI PAKAN KOMERSIAL MENGGUNAKAN
OATF TERHADAP BERAT DAN HAUGH UNIT (HU) TELUR BURUNG
PUYUH (*Coturnix coturnix japonica*)**

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ABSTRACT

The purpose of this research was to determine the substitution of tapioca by-product and tofu by-product fermented with *Rhizopus oligosporus* and added with fishmeal to egg weight and Haugh unit of quail. This experimental animal used were 100 quail (*Coturnix coturnix japonica*) that randomly divided into 4 treatments with 5 replicates each treatment. Treatments P0 (100% commercial feed), P1 (5% substitution), P2 (10% substitution), and P3 (15% substitution). The results showed that substitution of tapioca by-product and tofu by-product fermented with *Rhizopus oligosporus* and added with fishmeal to commercial feed has no significant difference ($p > 0.05$) in the egg weight and Haugh unit of quail (*Coturnix coturnix japonica*).

Keywords: quail, tapioca by-product, tofu by-product, *Rhizopus oligosporus*, haugh unit